

RAW SEQUENCE LISTING

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Application Serial Number: 10/532,464
Source: IFWP
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IFWP

RAW SEQUENCE LISTING

DATE: 04/14/2006

PATENT APPLICATION: US/10/532,464

TIME: 11:26:38

Input Set : F:\RUCC0064.ST25.txt

Output Set: N:\CRF4\04142006\J532464.raw

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3 <110> APPLICANT: Havkin-Frenkel, Daphna
4     Zylstra, Gerben J.
5     Frenkel, Chaim
6     Belanger, Faith
8 <120> TITLE OF INVENTION: PRODUCTION OF VANILLIN IN MICROBIAL CELLS
10 <130> FILE REFERENCE: RUCC-0064
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/532,464
C--> 12 <141> CURRENT FILING DATE: 2005-04-22
12 <150> PRIOR APPLICATION NUMBER: US 60/412,649
13 <151> PRIOR FILING DATE: 2002-10-23
15 <150> PRIOR APPLICATION NUMBER: PCT/US2003/034011
16 <151> PRIOR FILING DATE: 2003-10-23
18 <160> NUMBER OF SEQ ID NOS: 2
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1219
24 <212> TYPE: DNA
25 <213> ORGANISM: Vanilla planifolia
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44 tatgggatga cagcttttga gtatcatggg aaagatctaa ggtttaataa ggtgttcaac      540
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72 <211> LENGTH: 365
73 <212> TYPE: PRT

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74 <213> ORGANISM: Vanilla planifolia

76 <400> SEQUENCE: 2

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83          20          25          30
86 Val Leu Pro Met Thr Leu Arg Val Ala Val Glu Leu Gly Ile Leu Glu
87          35          40          45
90 Gln Ile Gln Ala Gly Gly Pro Asp Ser Tyr Leu Thr Ala Glu Asp Leu
91          50          55          60
94 Ala Ala Arg Leu Gly Asn Ser Asn Pro Leu Ala Pro Val Met Ile Glu
95 65          70          75          80
98 Arg Ile Leu Arg Leu Leu Thr Ser Tyr Ser Ile Leu Asn Phe Thr Asp
99          85          90          95
102 Thr Val Asp Gly Glu Gly Arg Thr Val Arg Ser Tyr Gly Ala Ala His
103          100          105          110
106 Val Cys Lys Tyr Leu Thr Pro Asn Gln Asp Gly Val Ser Met Ala Pro
107          115          120          125
110 Leu Val Leu Met Asn Thr Asp Lys Val Leu Met Glu Ser Trp Tyr His
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114 Met Lys Asp Ala Val Thr Asn Gly Gly Ile Pro Phe Asn Leu Ala Tyr
115 145          150          155          160
118 Gly Met Thr Ala Phe Glu Tyr His Gly Lys Asp Leu Arg Phe Asn Lys
119          165          170          175
122 Val Phe Asn Glu Gly Met Lys Asn Asn Ser Ile Ile Ile Thr Lys Lys
123          180          185          190
126 Ile Leu Glu Arg Tyr Lys Arg Phe Glu Asp Val Asn Val Leu Ile Asp
127          195          200          205
130 Val Gly Gly Gly Ile Gly Gly Thr Ile Ser Met Ile Thr Ala Lys Tyr
131          210          215          220
134 Pro His Ile His Gly Ile Asn Phe Asp Leu Pro His Val Val Ser Glu
135 225          230          235          240
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142 Ser Val Pro Ile Gly Asp Ala Ile Phe Ile Lys Trp Ile Leu His Asp
143          260          265          270
146 Trp Ser Asp Glu His Cys Leu Lys Leu Leu Arg Asn Cys Ala Lys Ser
147          275          280          285
150 Leu Pro Asp Lys Gly Lys Val Ile Val Val Glu Cys Ile Leu Pro Asp
151          290          295          300
154 Ala Pro Leu Val Thr Pro Glu Ala Glu Gly Val Phe His Leu Asp Met
155 305          310          315          320
158 Ile Met Leu Ala His Asn Pro Gly Gly Lys Glu Arg Thr Lys Lys Glu
159          325          330          335
162 Phe Lys Glu Leu Ala Met Leu Ser Gly Phe Ser Asn Phe Lys Ala Leu
163          340          345          350
166 Phe Ser Tyr Ala Asn Val Trp Val Met Glu Phe Asn Lys
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/532,464

DATE: 04/14/2006

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Input Set : F:\RUCC0064.ST25.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date